

What is claimed is:

1. An apparatus for controlling a transmission power in a CDMA mobile communication system, comprising:

5 a central processing unit (CPU) for performing control operation according to a power control require signal of a user;

a gain controller for outputting a gain signal according to the CPU control; and

10 a gain variable amplifier for regulating transmission power by varying according to the gain signal of the gain controller.

15 2. The apparatus as recited in claim 1, wherein the gain variable amplifier varies its gain to 0 dB or 3 dB, according to the gain signal.

3. The apparatus as recited in claim 1, wherein the gain variable amplifier includes:

20 a gain regulator for varying gain according to the gain control signal outputted from the gain controller; and

an amplifier for amplifying the transmission power according to the gain outputted from the gain regulator.

25 4. A method for controlling a transmission power control in a CDMA mobile communication system, comprising the steps of:

a) regulating a transmission power of a base transceiver station (BTS) to 0 dB;

b) checking whether a power control request of an operator exists or not;

5 c) determining whether the power control request of the
operator is a first power control or a second power control;
and

d) re-regulating the transmission power of the BTS by varying a gain of an amplifier according to the determining result.

5. The method as recited in claim 4, wherein a gain of the first power control is 0 dB and a gain of the second power control is 3 dB.